

IAP7 Rec'd PCT/PTO 16 AUG 2005

10090 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>3441/114</b> <b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b> <b>10/589521</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP2005/001872</b>	INTERNATIONAL FILING DATE <b>February 23, 2005</b>	PRIORITY DATE CLAIMED <b>February 23, 2004</b>
TITLE OF INVENTION <b>METHOD FOR DIAGNOSING OPERATING STATES OF A SYNCHRONOUS PUMP, AND DEVICE FOR CARRYING OUT SAID METHOD</b>		
APPLICANT(S) FOR DO/EO/US <b>Bernd TEIPEN</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO/SB/08A &amp; 2 references</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/589521</b>	INTERNATIONAL APPLICATION NO. PCT/EP2005/001872	ATTORNEY'S DOCKET NUMBER 344/1/114																																																																																								
20. Other items or information: <b>PCT/IB/308 (First and Second); PCT/RO/105; PCT/ISA/202; PCT/ISA/210; PCT/ISA/220; PCT/ISA/237; PCT/IB/301; PCT/IB/304; PCT/IB/311; PCT/IB/345</b>																																																																																										
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The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td>x \$250</td> <td>\$ 0</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td>\$ 0</td> <td></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td>Total claims</td> <td>15 - 20 =</td> <td>0</td> <td>x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> <td>\$ 0</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.</td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td><b>SUBTOTAL =</b></td> <td><b>\$ 900</b></td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td>+ \$ 0</td> <td></td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL NATIONAL FEE =</b></td> <td><b>\$ 900</b></td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1524. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

## SEND ALL CORRESPONDENCE TO:

Richard M. Goldberg  
25 East Salem Street  
Suite 419  
Hackensack, NJ 07601



SIGNATURE

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Richard M. Goldberg

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NAME

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28,215

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REGISTRATION NUMBER

10/589521

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Law Offices of

**RICHARD M. GOLDBERG**

25 EAST SALEM STREET  
HACKENSACK, NEW JERSEY 07601

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August 16, 2006

Mail Stop PCT  
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Re: Entering National Stage in  
PCT Application No. PCT/EP2005/001872  
Applicant : Bernd TEIPEN  
Title : METHOD FOR DIAGNOSING OPERATING  
STATES OF A SYNCHRONOUS PUMP, AND  
DEVICE FOR CARRYING OUT SAID METHOD  
My File : 344/1/114

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Richard M. Goldberg  
(Name of Registered Representative  
and person mailing)

Richard M. Goldberg  
(Signature and Date)

August 16,  
2006

Dear Sirs:

Transmitted herewith for filing in the U.S. Patent and  
Trademark Office (entering the national phase in a PCT  
application (PCT/EP2005/001872) (WO 2005/081390) is a new  
application including:

- a) Form PTO-1390 (in duplicate), with authorization to  
charge \$900.00 to credit card. The fee includes the  
large entity rate for basic national fee (\$300),  
examination fee (\$200), and search fee (\$400).

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August 16, 2006  
Page 2

- b) Credit Card Payment Form (PTO-2038);
- c) Form PCT/IB/308 (mailed September 29, 2005), entitled FIRST NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (TO DESIGNATED OFFICES WHICH DO NOT APPLY THE 30 MONTH TIME LIMIT UNDER ARTICLE 22(1)) - 1 page;
- d) Form PCT/IB/308 (mailed June 29, 2006), entitled SECOND AND SUPPLEMENTARY NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (TO DESIGNATED OFFICES WHICH APPLY THE 30 MONTH TIME LIMIT UNDER ARTICLE 22(1)) - 1 page;
- e) Original filed application of fifteen (15) pages, with two front pages of published application and six sheets of drawings;
- f) English-language translation of original German language application;
- g) Six (6) sheets of formal drawings (Figs. 1-8);
- h) Application Data Sheet;
- i) Executed Declaration and Power of Attorney;
- j) Form PCT/RO/105 (in German) - Notification of the Number of the International Demand and the Date of International Deposit;
- k) Form PCT/ISA/202 (in German) - Notification of the Entry of the Search Report
- l) Form PCT/ISA/210 (in German) - International Search Report performed by European Patent Office, and English-language translation thereof;
- m) Form PCT/ISA/220 (in German) - Notification of Transmittal of the International Search Report;
- n) Form PCT/ISA/237 - (in German) - Written Communication of the International Search Authority;

Law Offices of

**RICHARD M. GOLDBERG**

Commissioner for Patents  
August 16, 2006  
Page 3

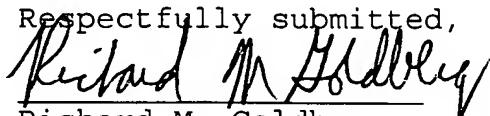
- o) Form PCT/IB/301 - Notification of Receipt of Record Copy;
- p) Form PCT/IB/304 - Notification Concerning Submission or Transmittal of Priority Document;
- q) Form PCT/IB/311 - Notification Concerning Transmittal of Copy of International Application as Published or Republished;
- r) Form PCT/IB/345 - Communication in Cases for which No Other Form is Applicable;
- s) Preliminary Amendment; and
- t) Information Disclosure Statement, one form PTO/SB/08A and two references.

**APPLICANT IS A LARGE ENTITY.**

It is respectfully requested that the above-identified PCT application be granted a filing date within the August 23, 2006 convention term (30 months), based on German Application No. 10 2004 009 046.7, filed February 23, 2004, and PCT Application No. PCT/EP2005/001872, filed February 23, 2005.

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 07-1524.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1524.

Respectfully submitted,  
  
Richard M. Goldberg  
Registration No. 28,215  
Attorney for Applicant

RMG/mz  
enclosures

Law Offices of  
**RICHARD M. GOLDBERG**